

Table 6-3: Net CO₂ Flux from U.S. Forests (Tg CO₂ Eq.)

Description	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Forest Carbon Stocks	(773.7)	(773.7)	(773.7)	(773.7)	(773.7)	(773.7)	(773.7)	(546.3)	(546.3)	(546.3)	(546.3)
Trees	(469.3)	(469.3)	(469.3)	(469.3)	(469.3)	(469.3)	(469.3)	(447.3)	(447.3)	(447.3)	(447.3)
Understory	(11.0)	(11.0)	(11.0)	(11.0)	(11.0)	(11.0)	(11.0)	(14.7)	(14.7)	(14.7)	(14.7)
Forest Floor	(25.7)	(25.7)	(25.7)	(25.7)	(25.7)	(25.7)	(25.7)	29.3	29.3	29.3	29.3
Down Dead Wood	(55.0)	(55.0)	(55.0)	(55.0)	(55.0)	(55.0)	(55.0)	(58.7)	(58.7)	(58.7)	(58.7)
Forest Soils	(212.7)	(212.7)	(212.7)	(212.7)	(212.7)	(212.7)	(212.7)	(55.0)	(55.0)	(55.0)	(55.0)
Harvested Wood Carbon Stocks	(209.0)	(198.0)	(202.8)	(203.9)	(210.5)	(205.3)	(205.3)	(212.7)	(205.3)	(216.3)	(223.7)
Wood Products	(47.7)	(40.7)	(46.6)	(54.6)	(60.9)	(55.0)	(55.0)	(58.7)	(51.3)	(62.3)	(66.0)
Landfilled Wood	(161.3)	(157.3)	(156.2)	(149.2)	(149.6)	(150.3)	(150.3)	(154.0)	(154.0)	(154.0)	(157.7)
Total	(982.7)	(971.7)	(976.4)	(977.5)	(984.1)	(979.0)	(979.0)	(759.0)	(751.7)	(762.7)	(770.0)

Note: Parentheses indicate net carbon “sequestration” (i.e., accumulation into the carbon pool minus emissions or stock removal from the carbon pool). The sum of the net stock changes in this table (i.e., total) is an estimate of the actual net flux between the total forest carbon pool and the atmosphere. Lightly shaded areas indicate values based on a combination of historical data and projections. Forest values are based on periodic measurements; harvested wood estimates are based on annual surveys. Totals may not sum due to independent rounding.